

ABSTRACT

The subject invention provides methods of fluorinating an aromatic or chloroaromatic compound comprising combining an aromatic compound, a chloroaromatic compound, a mixture of aromatic compounds, a mixture of chloroaromatic compounds, or a mixture of chloroaromatic and aromatic compounds and a fluorinating composition comprising at least one active fluorinating agent selected from the group consisting of CuF_2 , AgF , HgF_2 , TeF_4 , MnF_4 , FeF_3 , and CoF_{2-4} and at least one support selected from the group consisting of activated carbon, ZnF_2 , CaF_2 , MgF_2 , AlF_3 , and combinations of activated carbon, ZnF_2 , CaF_2 , MgF_2 , or AlF_3 .